

(i) the composition comprises, in a cosmetically acceptable medium, at least one polycondensate (A) comprising at least one block chosen from polyurethane and polyurea blocks and at least one film-forming polymer (B); and

(ii) the at least one polycondensate (A), the at least one film-forming polymer (B), and the device being chosen so as to obtain, on leaving the device, droplets of said hair composition with an average diameter of less than or equal to 80 μm .

28. A process for manufacturing a hairstyling product, the process comprising:

including a hair composition in a dispenser device, said dispenser device comprising a reservoir containing said hair composition; wherein

(i) the composition comprises, in a cosmetically acceptable medium, at least one polycondensate (A) comprising at least one block chosen from polyurethane and polyurea blocks and at least one film-forming polymer (B); and

(ii) the at least one polycondensate(A), the at least one film-forming polymer(B), and the device being chosen so as to obtain, on leaving the device, droplets of said hair composition with an average diameter of less than or equal to 80 μm .

29. A dispenser device comprising a reservoir containing a hair composition, wherein:

(i) the composition comprises, in a cosmetically acceptable medium, at least one polycondensate (A) comprising at least one block chosen from polyurethane and polyurea blocks and at least one film-forming polymer (B); and

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(ii) the at least one polycondensate (A), the at least one film-forming polymer(B), and the device being chosen so as to obtain, on leaving the device, droplets of said hair composition with an average diameter of less than or equal to 80 μm .

30. The device according to claim 29, wherein the composition contains an organic solvent.

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31. The device according to claim 29, wherein the at least one polycondensate (A) is formed by an arrangement of blocks.

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32 The device according to claim 31, wherein said arrangement of blocks is obtained from:

- (1) at least one compound which contains at least two active hydrogen atoms per molecule;
- (2) at least one substance chosen from at least one diol containing at least one acid radical and the salts of said at least one diol; and
- (3) at least one isocyanate chosen from di- and polyisocyanates.

33. The device according to claim 32, wherein the at least one compound (1) is chosen from diols, diamines, polyesterols and polyetherols.

34. The device according to claim 32 wherein said at least one substance (2) is a 2,2-hydroxymethylcarboxylic acid.

35. The device according to claim 32, wherein said at least one isocyanate (3) is chosen from hexamethylene diisocyanate, isophorone diisocyanate, toluylene diisocyanate, diphenylmethane 4,4'-diisocyanate, dicyclohexylmethane 4,4'-diisocyanate, methylenebis(p-phenyl) diisocyanate, methylenebis(4-cyclohexyl isocyanate), isophorone diisocyanate, toluene diisocyanate, 1,5-naphthalene diisocyanate, 4,4'-diphenylmethane diisocyanate, 2,2'-dimethyl-4,4'-diphenylmethane diisocyanate, 1,3-phenylene diisocyanate, 1,4-phenylene diisocyanate, mixtures of 2,4- and 2,6-toluene diisocyanate, 2,2'-dichloro-4,4'-diisocyanatodiphenylmethane, 2,4-dibromo-1,5-diisocyanatonaphthalene, butane 1,4-diisocyanate, 1,6-hexane diisocyanate and 1,4-cyclohexane diisocyanate.

36. The device according to claim 31, wherein the at least one polycondensate (A) is formed from at least one additional compound having a silicone skeleton, chosen from polysiloxanes, polyalkylsiloxanes and polyarylsiloxanes.

37. The device according to claim 36, wherein said additional compound is chosen from polyethylsiloxanes, polymethylsiloxanes and polyphenylsiloxanes.

38. The device according to claim 36, wherein said additional compound comprises hydrocarbon-based chains grafted onto the silicon atoms.

39. The device according to claim 29, wherein the at least one polycondensate (A) has a repeating base unit corresponding to the formula I' below:



in which:

- X' is chosen from O and NH,
- B is a hydrocarbon-based radical, this radical being substituted or unsubstituted, and
- R is a divalent radical chosen from alkylene radicals of aromatic type, C₁ to C₂₀ aliphatic radicals and C₁ to C₂₀ cycloaliphatic radicals, these radicals being substituted or unsubstituted.

40. The device according to claim 39, wherein B is a divalent C₁ to C₃₀ hydrocarbon-based radical.

41. The device according to claim 39, wherein the radical R is chosen from hexamethylene, 4,4'-biphenylenemethane, 2,4- and 2,6-tolylene, 1,5-naphthylene, p-phenylene, methylene-4,4-bis-cyclohexyl radicals and the divalent radical derived from isophorone.

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42. The device according to claim 29, wherein the at least one polycondensate (A) has a repeating base unit corresponding to formula (II'):



in which:

- P is a polysiloxane segment,
- X' is chosen from O and NH, and
- R is a divalent radical chosen from alkylene radicals of aromatic type, C₁ to C₂₀ aliphatic radicals and C₁ to C₂₀ cycloaliphatic radicals, these radicals being substituted or unsubstituted.

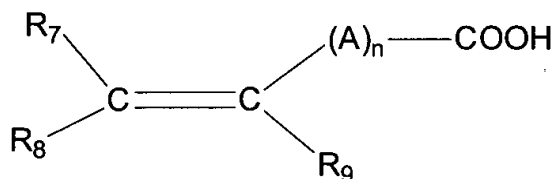
43. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 0.1 to 30% of the at least one polycondensate (A).

44. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 0.1 to 30% of the at least one film-forming polymer (B).

45. The device according to claim 29, wherein the composition comprises an additional organic solvent present in a relative weight concentration of from 0.5 to 80%.

46. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from anionic polymers chosen from:

- polymers comprising carboxylic units derived from unsaturated mono- and dicarboxylic acid monomers of formula:



in which n is an integer from 0 to 10, A denotes a methylene group, optionally connected to the carbon atom of the unsaturated group, or to the neighbouring methylene group when n is greater than 1, via a hetero atom such as oxygen or sulphur, R₇ is chosen from a hydrogen atom, a phenyl group, and a benzyl group, R₈ is chosen from a hydrogen atom, lower alkyl groups and a carboxyl group, R₉ is chosen from a hydrogen atom, lower alkyl groups, a -CH₂-COOH group, a phenyl group, and a benzyl group; and

- polymers comprising units derived from sulphonic acid.

47. The device according to claim 46, wherein said units derived from sulphonic acid are chosen from vinylsulphonic, styrenesulphonic and acrylamidoalkylsulphonic units.

48. The device according to claim 46, wherein the anionic film-forming polymers are chosen from:

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- acrylic acid copolymers;
 - copolymers derived from crotonic acid;
 - copolymers derived from (i) maleic, fumaric and itaconic acids and anhydrides of said acids and (ii) vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives, acrylic acid and esters thereof;
 - copolymers derived from (i) methacrylic acid and (ii) methyl methacrylate;
 - copolymers derived from (i) methacrylic acid and (ii) ethyl acrylate;
 - vinyl acetate/crotonic acid copolymers; and
 - vinyl acetate/crotonic acid/polyethylene glycol terpolymers.

49. The device according to claim 48, wherein said acrylic acid copolymers are chosen from acrylic acid/ethyl acrylate/N-tert-butylacrylamide terpolymers.

50. The device according to claim 48, wherein said copolymers derived from crotonic acid are chosen from vinyl acetate/vinyl tert-butylbenzoate/crotonic acid terpolymers and crotonic acid/vinyl acetate/vinyl neododecanoate terpolymers.

51. The device according to claim 48, wherein said copolymers derived from (i) maleic, fumaric and itaconic acids and anhydrides of said acids and (ii) vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives and acrylic acid and esters thereof are chosen from methyl vinyl ether/monoesterified maleic anhydride copolymers.

52. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from amphoteric polymers chosen from polymers comprising units derived from:

- a) at least one monomer chosen from acrylamides and methacrylamides substituted on the nitrogen with an alkyl radical,
- b) at least one acidic comonomer containing at least one reactive carboxylic group, and
- c) at least one basic comonomer.

53. The device according to claim 52, wherein the at least one basic comonomer is chosen from esters containing primary, secondary, tertiary and quaternary amine substituents of acrylic and methacrylic acids and the products of quaternization of dimethylaminoethyl methacrylate with a compound chosen from dimethyl and diethyl sulphate.

54. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from nonionic polymers chosen from:

- polyalkyloxazolines;
- vinyl acetate homopolymers;
- copolymers derived from (i) vinyl acetate and (ii) acrylic ester;
- copolymers derived from (i) vinyl acetate and (ii) ethylene;
- copolymers derived from (i) vinyl acetate and (ii) maleic ester;
- copolymers derived from (i) polyethylene and (ii) maleic anhydride;
- alkyl acrylate homopolymers and alkyl methacrylate homopolymers;

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- acrylic ester copolymers;
- copolymers derived from (i) acrylonitrile and (ii) a nonionic monomer; and
- copolymers derived from (i) alkyl acrylate and (ii) urethane.

55. The device according to claim 54, wherein said acrylic ester copolymers are derived from monomers chosen from alkyl acrylates and alkyl methacrylates.

56. The device according to claim 54, wherein said copolymers derived from (i) acrylonitrile and (ii) a nonionic monomer are chosen from copolymers derived from (i) butadiene and (ii) alkyl (meth)acrylates.

57. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from cationic polymers chosen from:

- copolymers derived from (i) acrylamide and (ii) dimethylaminoethyl methacrylate quaternized with dimethyl sulphate,
- copolymers derived from (i) acrylamide and (ii) methacryloyloxyethyltrimethylammonium chloride,
- copolymers derived from (i) acrylamide and (ii) methacryloyloxyethyl trimethylammonium methosulphate,
- quaternized and non-quaternized vinylpyrrolidone/dialkylaminoalkyl (meth)acrylate copolymers,

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- dimethylaminoethyl methacrylate/vinyl caprolactam/vinylpyrrolidone terpolymers, and
- vinylpyrrolidone/quaternized dimethylaminopropylmethacrylamide copolymers.

58. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from grafted silicone polymers comprising a polysiloxane portion and a non-silicone organic chain portion.

59. The device according to claim 29, wherein the at least one film-forming polymer (B) is chosen from functionalized and non-functionalized, silicone and non-silicone polyurethanes, said polyurethanes being different from said at least one polycondensate (A).

60. The device according to claim 29, wherein said device delivers an amount of composition ranging from 120 to and 170 μ l when the user presses once on the push-button.

61. The device according to claim 60, wherein said amount ranges from 140 to 160 μ l.

62. The device according to claim 29, wherein the composition also contains at least one conventional cosmetic additive chosen from fatty substances, thickeners, softeners, antifoaming agents, moisturizers, antiperspirants, basifying agents, dyes, pigments, fragrances, preserving agents, surfactants, volatile and non-volatile silicones.

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63. The device according to claim 29, wherein the composition also contains at least one conventional cosmetic additive is chosen from anionic silicones, polyols, proteins and vitamins.

64. The device according to claim 29, wherein the average diameter of the droplets is less than or equal to 75 μm .

65. The device according to claim 29, wherein the dispenser device comprises a pump dispenser device.

66. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 0.5 to 20% of the at least one polycondensate (A).

67. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 1 to 10% of the at least one polycondensate (A).

68. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 0.5 to 20% of the at least one film forming polymer (B).

69. The device according to claim 29, wherein the composition comprises, as a relative proportion by weight, from 1 to 10% of the at least one film forming polymer (B).-

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